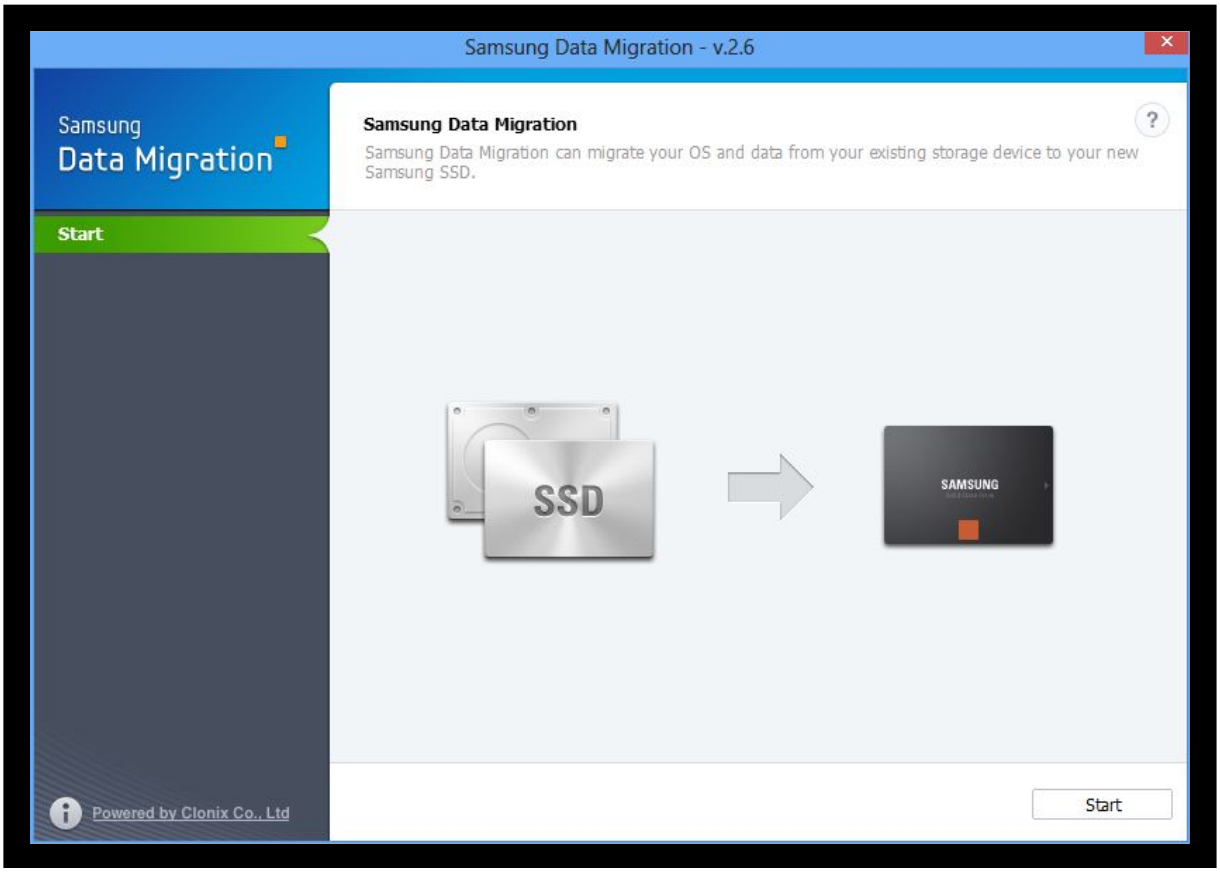

Samsung Data Migration v2.6

Introduction and Installation Guide

2013. 12 (Rev 2.6.)

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Introduction

The Samsung Data Migration software is designed to help users quickly, easily, and safely migrate all of their data – including their current operating system, application software, and user data – from their existing storage device (e.g. HDD) to their new Samsung SSD.

Samsung Data Migration software is developed and distributed exclusively for owners of Samsung Solid State Drives (SSDs).

Precautions

1. When cloning the content of the source drive (e.g. HDD), all data on the Target Disk (Samsung SSD) will be deleted and is impossible to recover. Therefore, if you have stored any data that you would like to keep on the Target Disk, please back it up in advance.

   ※ This software is not a data backup solution.

2. Samsung Electronics assumes no responsibility for any loss of data that may occur on the Target Disk in the course of using this software and will not be held liable for data recovery services. Even if the migration process fails, data contained on the Source Disk is not affected.

Improvements

1. 840 EVO mSATA support
2. Windows 8.1 support
3. Cloning compatibility improvements

System Requirements

Component	Requirement
Operating System	Windows XP SP2 (32-bit) Windows Vista (32/64-bit) Windows 7 (32/64-bit) Windows 8 (32/64-bit) Windows 8.1(32/64-bit)
PC Memory (RAM)	1 GB or more
Disk Space	Minimum 30 MB required for installation
Supported Partition Types	MBR, GPT
Supported Languages	English
Source Disk	The Source Disk (HDD or SSD) must contain the operating system installation
Target Disk	The Target Disk must be one of the following: Samsung SSD 840 EVO(2.5”, mSATA) Samsung SSD 840 Series Samsung SSD 840 PRO Series Samsung SSD 830 Series Samsung SSD 470 Series

Limitations

1. This software only supports the Windows operating systems listed in the User Manual.

2. This software only supports the Samsung SSDs listed in the User Manual. OEM storage devices provided through a computer manufacturer or supplied through another channel are not supported.

3. This software will run only if the operating system is installed on the Source Disk. It will not function on disks that lack an operating system installation.

4. If the amount of data stored on the Source Disk exceeds the capacity of the Target Disk, cloning will not proceed. The Source Disk (e.g. “C:” drive) must consist of at least 20% free space. If more than 80% of the Source Disk is filled with data, the cloning process cannot proceed normally. Secondary partitions require at least 5 GB of free space.

5. On systems with two (2) drives or more (e.g. “C:”, “D:”, and “E:” drives) with the operating system installed on the “C:” drive, only the first two drives will be cloned. The “System” partition that is created during Windows installation is automatically replicated.

6. OEM recovery partitions, generated at the factory by computer manufacturers, cannot be replicated. However, if the PC is manufactured by Samsung and SRS (Samsung Recovery Solution) 5 or 6 is installed, the recovery partition is cloned automatically. (Not supported in versions prior to SRS 5)

7. A difference of a few GB of data capacity between the Source and Target Disks is normal after cloning. The software does not copy the files Windows automatically generates to manage virtual memory (page files and hibernation files).

8. This software cannot clone encrypted disks. In order to clone an encrypted disk, you must first remove the password from the disk.

9. If the mainboard chipset drivers are not up to date when cloning, this software may not function properly.

10. If there are multiple operating systems installed on the PC (e.g. Windows 7 is installed on the C drive and Windows 8 is installed on the D drive), the cloned disk may not function properly.

11. If the Source Disk is damaged (e.g. the disk has bad sectors), the cloned disk may not function properly.

12. When attempting to clone a disk using this software, it is recommended that you close all other programs and free up sufficient memory before cloning.

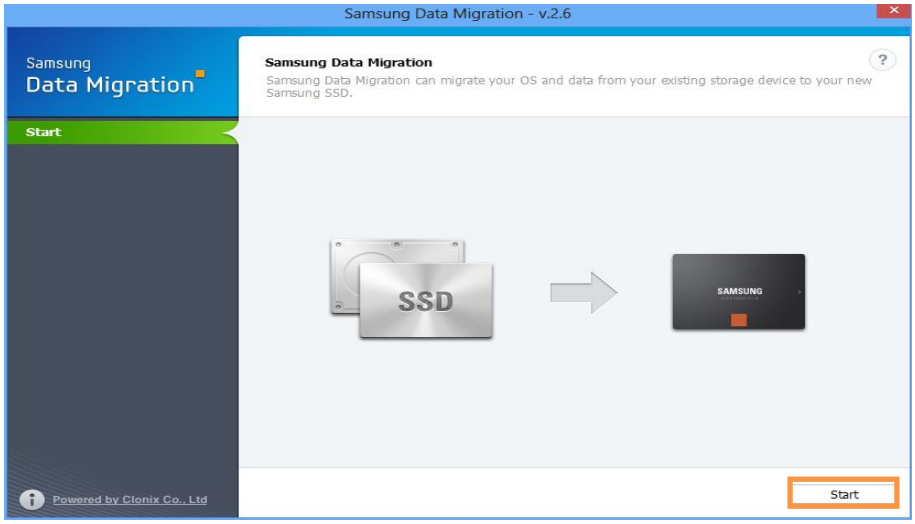
13. If you have instant PC recovery software installed on your system, this software may not function properly.

14. If a Source Disk is converted into a dynamic disk, the software may not function properly.

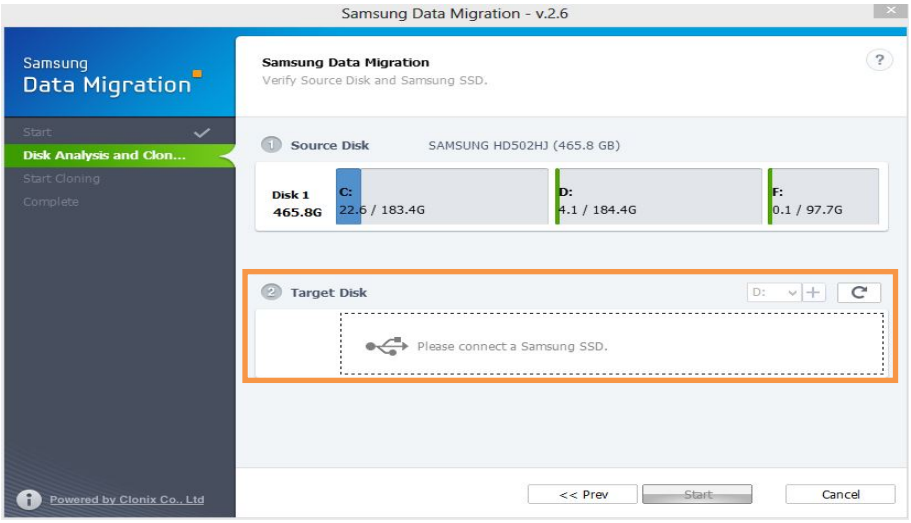
User Guide

1. (Normal Mode) If the Source Disk is smaller than the Target Disk

STEP 1. Start migration



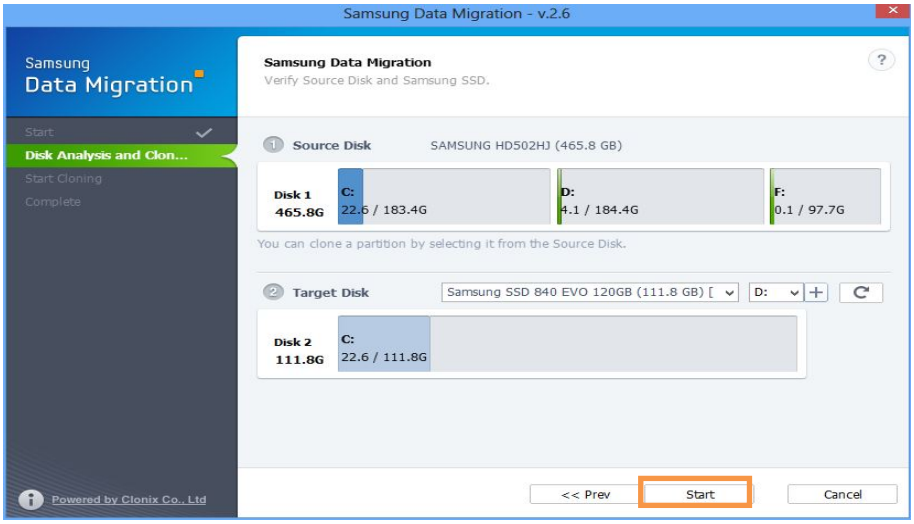
STEP 2. Connect Target Disk



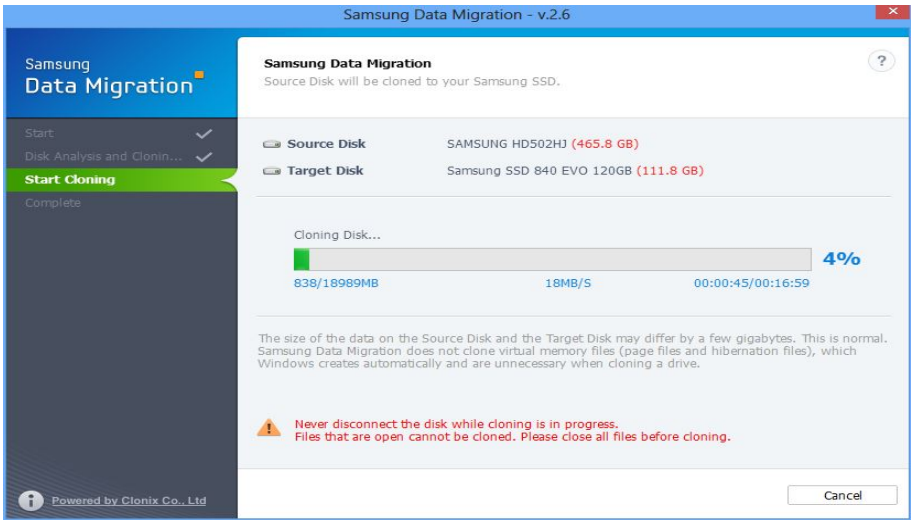
If the Target Disk is connected, the status of the Target Disk is displayed on the screen.

※ Connecting an mSATA product requires an additional mSATA/SATA converter (connector) and a SATA/USB converter (connector).

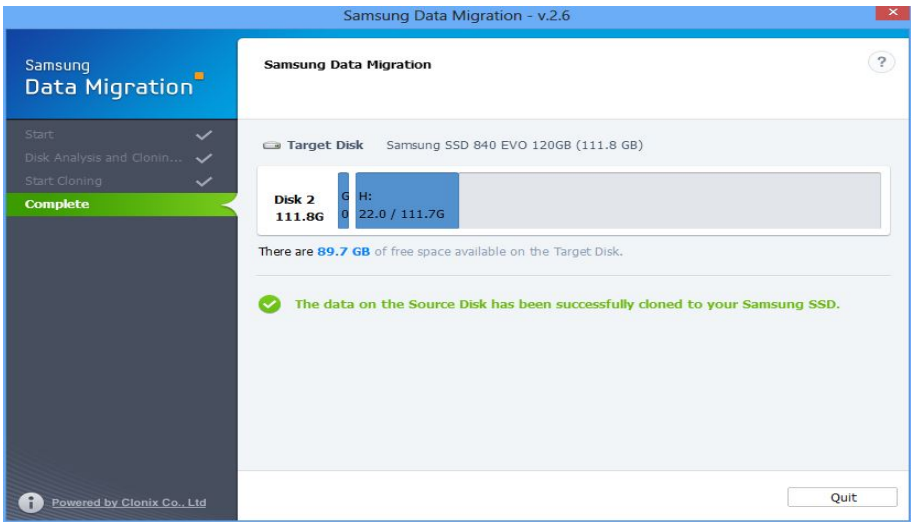
STEP 3. Start cloning



STEP 4. Cloning in progress

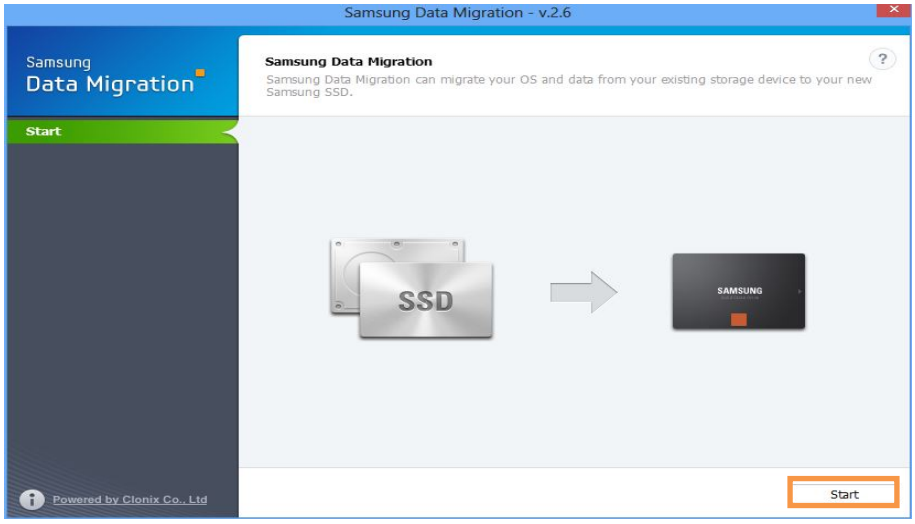

Samsung Data Migration - v.2.6
Samsung
Data Migration
Start
Disk Analysis and Clonin...
Start Cloning
Complete
Samsung Data Migration
Source Disk will be cloned to your Samsung SSD.
Source Disk
SAMSUNG HD502HJ (465.8 GB)
Target Disk
Samsung SSD 840 EVO 120GB (111.8 GB)
Cloning Disk...
4%
838/18989MB
18MB/S
00:00:45/00:16:59
The size of the data on the Source Disk and the Target Disk may differ by a few gigabytes. This is normal. Samsung Data Migration does not clone virtual memory files (page files and hibernation files), which Windows creates automatically and are unnecessary when cloning a drive.
Never disconnect the disk while cloning is in progress.
Files that are open cannot be cloned. Please close all files before cloning.
Powered by Clonix Co., Ltd
Cancel

STEP 5. Cloning complete

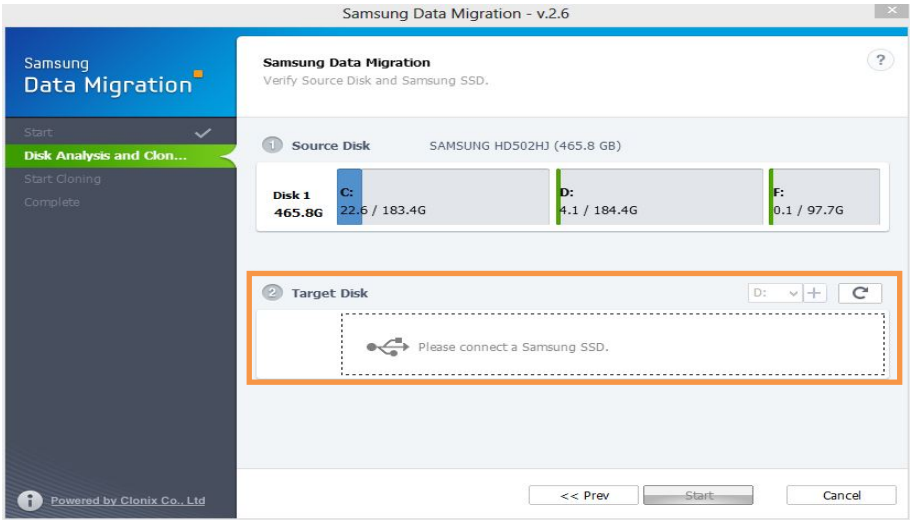


2. (Advanced Cloning) If the Source Disk is bigger than the Target Disk

STEP 1. Start migration

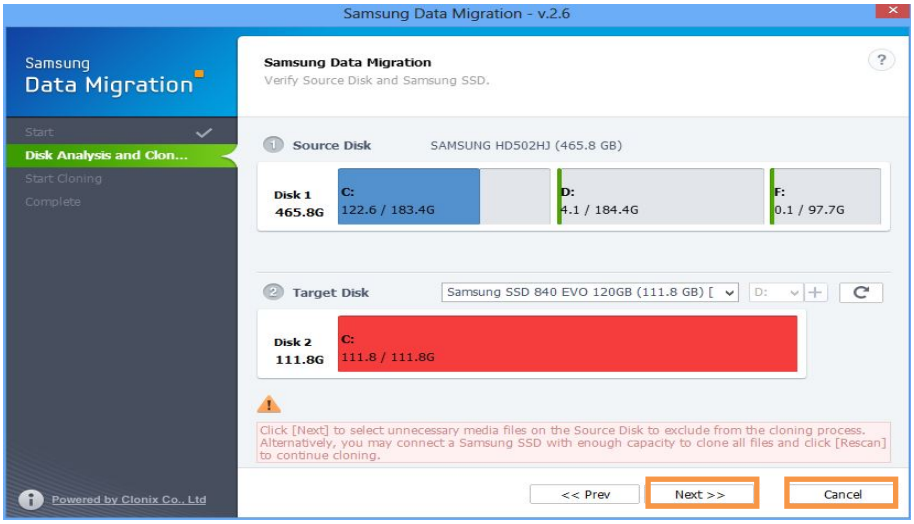


STEP 2. Connect Target Disk

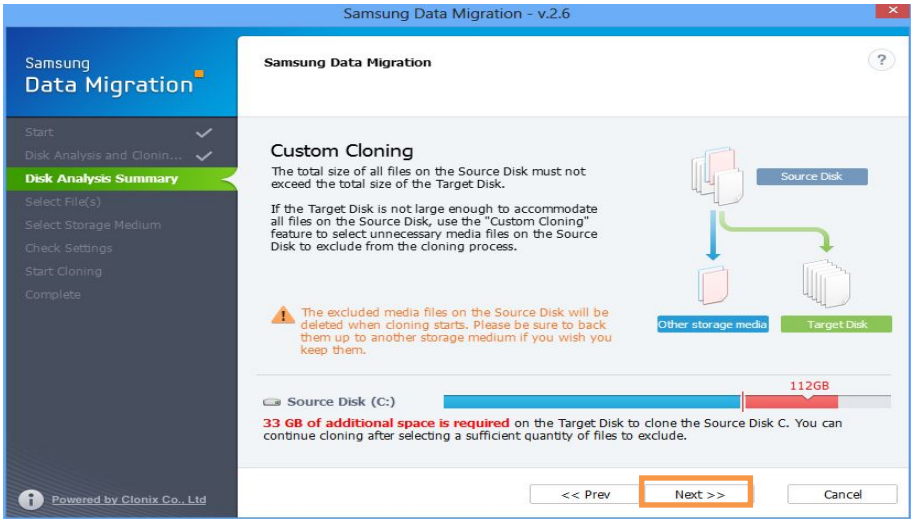


If the Target Disk is connected, the status of the Target Disk is displayed on the screen.

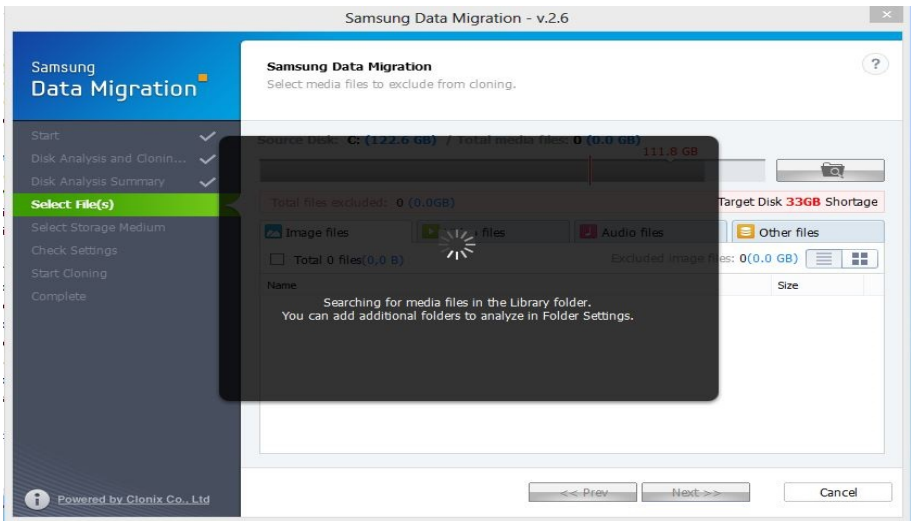
STEP 3. On the Disk Analysis and Cloning Settings screen, click [Next>>]



STEP 4. On the Disk Analysis Summary screen, click [Next>>]

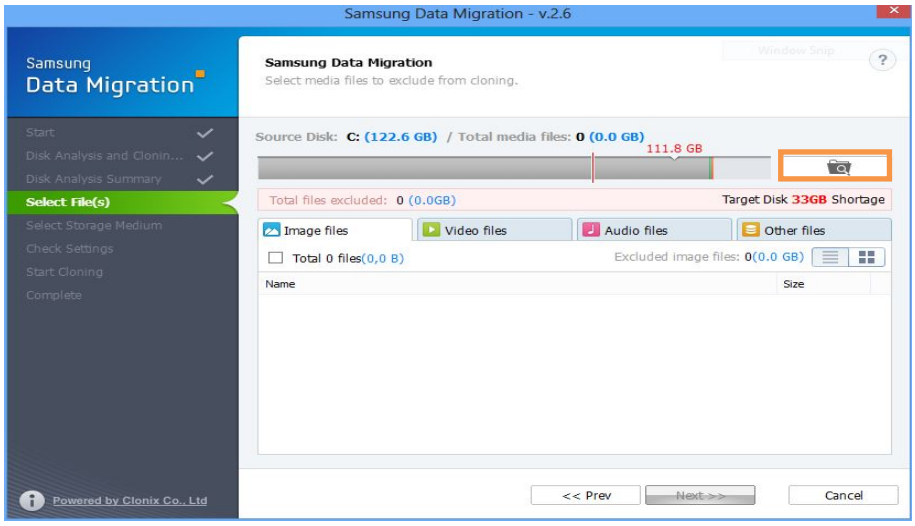

Samsung Data Migration - v.2.6
Samsung Data Migration
Samsung Data Migration
Start
Disk Analysis and Clonin...
Disk Analysis Summary
Select File(s)
Select Storage Medium
Check Settings
Start Cloning
Complete
Custom Cloning
The total size of all files on the Source Disk must not exceed the total size of the Target Disk.
If the Target Disk is not large enough to accommodate all files on the Source Disk, use the "Custom Cloning" feature to select unnecessary media files on the Source Disk to exclude from the cloning process.
The excluded media files on the Source Disk will be deleted when cloning starts. Please be sure to back them up to another storage medium if you wish you keep them.
Source Disk
Other storage media
Target Disk
Source Disk (C:)
112GB
33 GB of additional space is required on the Target Disk to clone the Source Disk C. You can continue cloning after selecting a sufficient quantity of files to exclude.
Powered by Clonix Co., Ltd
<< Prev
Next >>
Cancel

STEP 5. Scan for files in the Library folder to exclude from cloning

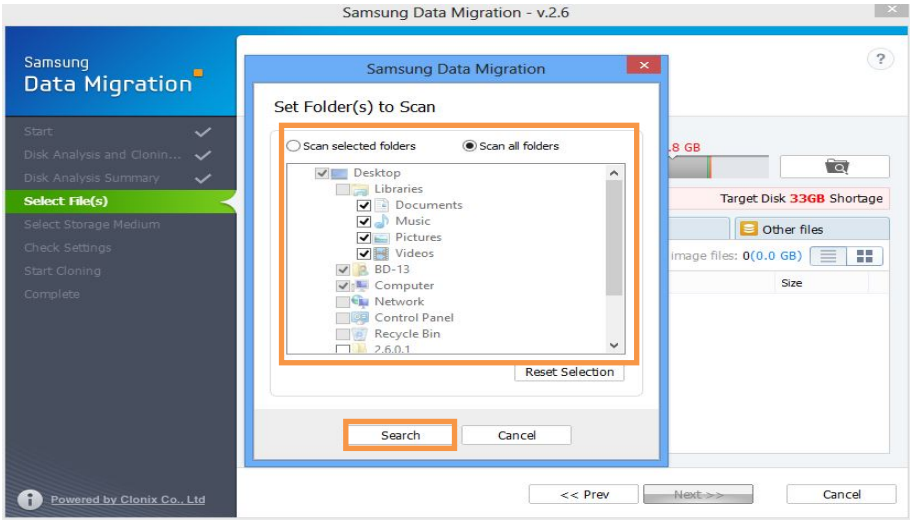


STEP 6. If the list of files to be excluded is displayed, go to Step 10, If the list of files to be excluded is not displayed, go to Step 7

STEP 7. Click Browse button



STEP 8. Set a new folder to scan for files to exclude from cloning



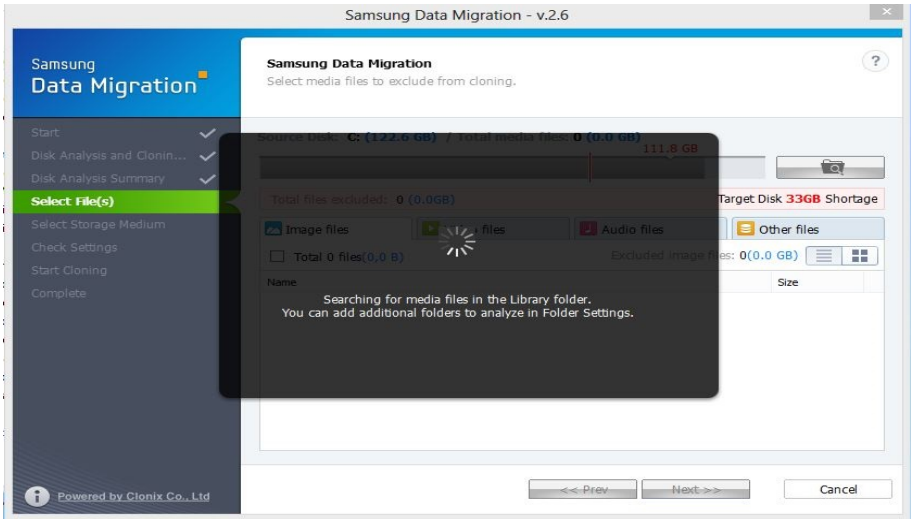
Select “Scan selected folders” or “Scan all folders” and click [Search].

※ Folder designation for scanning

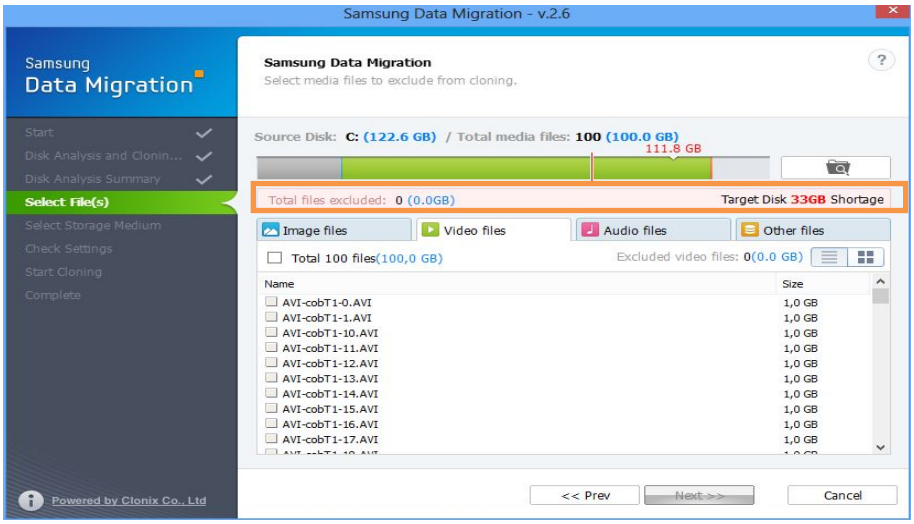
Scan selected folders: Scan only the selected folders

Scan all folders: Scan all files on the disk

STEP 9. Scan for files to exclude from cloning in the newly set path

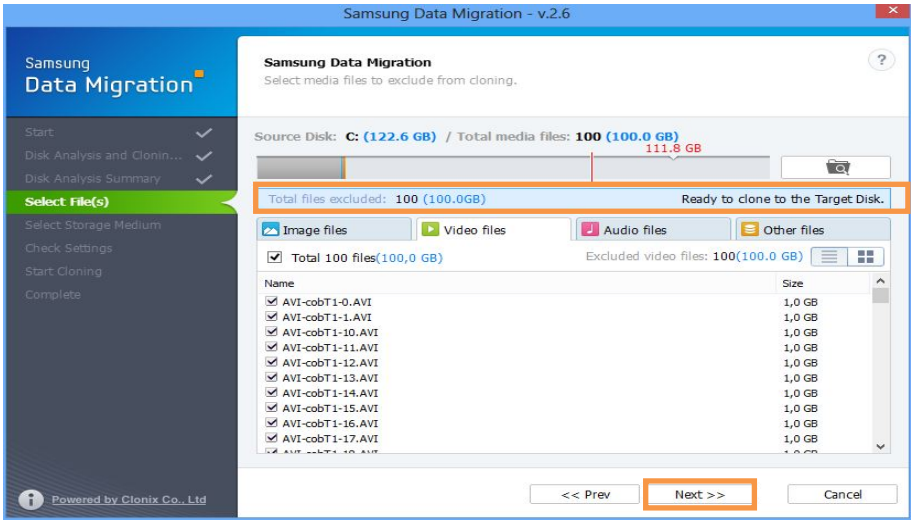


STEP 10. Select files to exclude from cloning



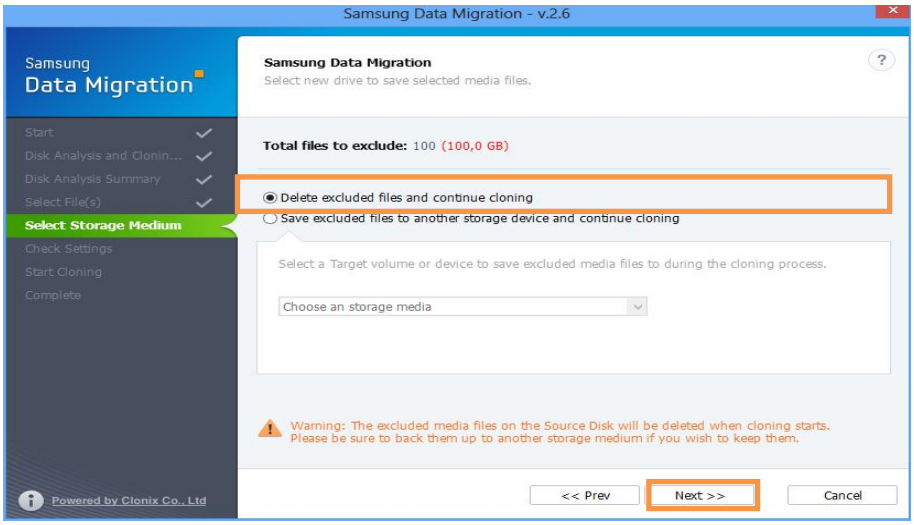
Continue selecting files to exclude until the text below the Browse button changes to “Ready to clone to the Target Disk”.

STEP 11. In the screen for selecting files to exclude, click [Next>>]



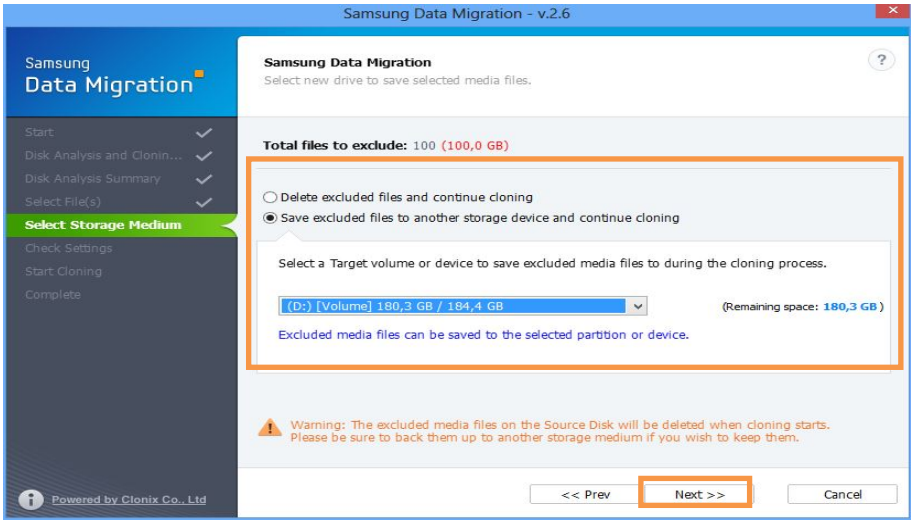
STEP 12. To delete the selected files and continue cloning, go to Step 13, To backup excluded files to another storage device and continue cloning, go to Step 14

STEP 13. To delete excluded files and continue cloning


Samsung Data Migration - v.2.6
Samsung Data Migration
Select new drive to save selected media files.
Start
Disk Analysis and Clonin...
Disk Analysis Summary
Select File(s)
Select Storage Medium
Check Settings
Start Cloning
Complete
Total files to exclude: 100 (100,0 GB)
Delete excluded files and continue cloning
Save excluded files to another storage device and continue cloning
Select a Target volume or device to save excluded media files to during the cloning process.
Choose an storage media
Warning: The excluded media files on the Source Disk will be deleted when cloning starts.
Please be sure to back them up to another storage medium if you wish to keep them.
Powered by Clonix Co., Ltd
<< Prev
Next >>
Cancel

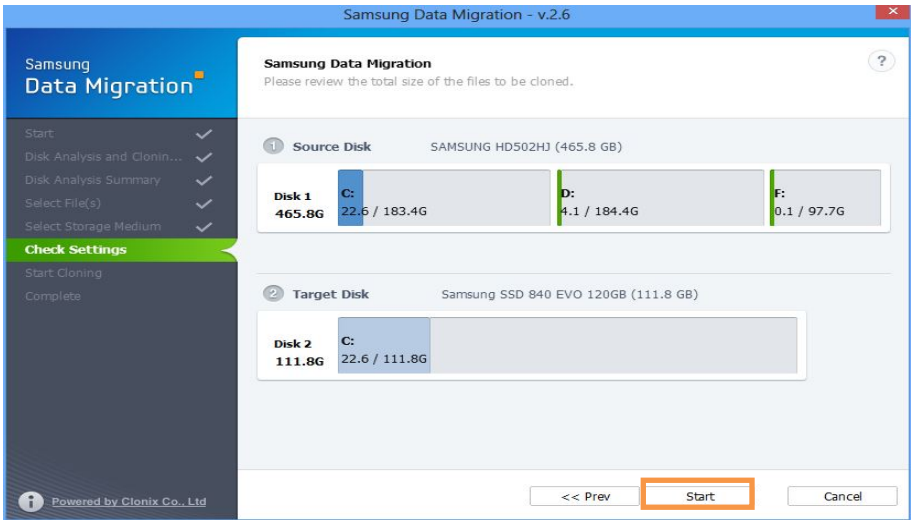
Select [Delete excluded files and continue cloning] and click [Next>>].

STEP 14. To save excluded files to another storage device and continue cloning

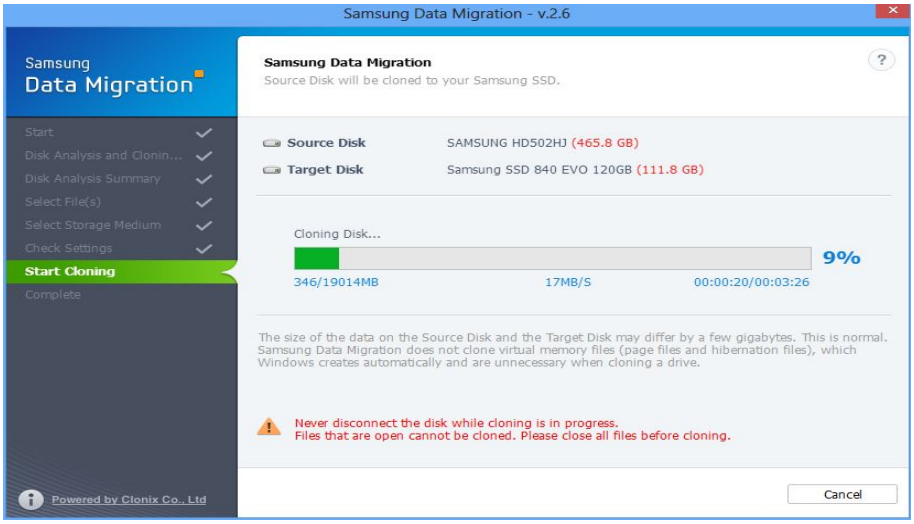

Samsung Data Migration - v.2.6
Samsung
Data Migration
Start
Disk Analysis and Clonin...
Disk Analysis Summary
Select File(s)
Select Storage Medium
Check Settings
Start Cloning
Complete
Powered by Clonix Co., Ltd
Samsung Data Migration
Select new drive to save selected media files.
Total files to exclude: 100 (100,0 GB)
Delete excluded files and continue cloning
Save excluded files to another storage device and continue cloning
Select a Target volume or device to save excluded media files to during the cloning process.
(D:) [Volume] 180,3 GB / 184,4 GB
(Remaining space: 180,3 GB)
Excluded media files can be saved to the selected partition or device.
Warning: The excluded media files on the Source Disk will be deleted when cloning starts.
Please be sure to back them up to another storage medium if you wish to keep them.
<< Prev
Next >>
Cancel

① Select [Save excluded files to another storage device and continue cloning].
② Select the storage device to save excluded files.
③ Click [Next >>].

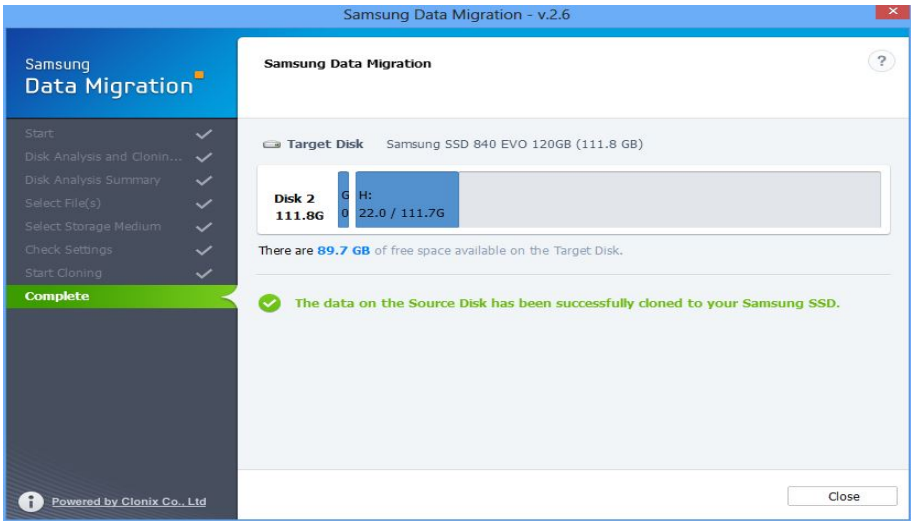
STEP 15. Start cloning



STEP 16. Cloning in progress


Samsung Data Migration - v.2.6
Samsung
Data Migration
Start
Disk Analysis and Clonin...
Disk Analysis Summary
Select File(s)
Select Storage Medium
Check Settings
Start Cloning
Complete
Powered by Clonix Co., Ltd
Samsung Data Migration
Source Disk will be cloned to your Samsung SSD.
Source Disk
SAMSUNG HD502HJ (465.8 GB)
Target Disk
Samsung SSD 840 EVO 120GB (111.8 GB)
Cloning Disk...
9%
346/19014MB
17MB/S
00:00:20/00:03:26
The size of the data on the Source Disk and the Target Disk may differ by a few gigabytes. This is normal. Samsung Data Migration does not clone virtual memory files (page files and hibernation files), which Windows creates automatically and are unnecessary when cloning a drive.
Never disconnect the disk while cloning is in progress.
Files that are open cannot be cloned. Please close all files before cloning.
Cancel

STEP 17. Cloning complete



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